Amend claims 36-43 as shown below in clean format. A marked-up version of amendments in this response is submitted herewith.

36. (Amended) An apparatus for drying hands, comprising:

a blower for generating an air jet,

where the blower is driven by an electric motor, and

a heater for increasing temperature of said air jet, and

an air outlet for outputting said air jet, where said air jet flow is no less than 18,000 linear feet per minute.

37. (Amended) An apparatus for drying hands, comprising:

a blower for generating an air jet,

where the blower is driven by an electric motor, and

a heater for increasing temperature of said air jet, and

an air outlet having a longitudinal axis, the air outlet outputting said air jet, and

where said air outlet is tubular with an open end for said air jet to exit along the longitudinal axis, and

where said air outlet has a cross sectional dimension between 0.5 inches to 1.25 inches, and

where said air outlet has a length 3 to 5 times as large as said air outlet cross sectional dimension.

38. (Amended) An apparatus for drying hands, comprising:

a blower for generating an air jet,

where the blower is driven by an electric motor, and

a heater for increasing the temperature of said air jet, and

an air outlet having a longitudinal axis, the air outlet outputting said air jet, and

where said air outlet is tubular with an open end for said air jet to exit along the longitudinal axis, and

where said air outlet has a cross sectional dimension between 0.5 inches to 1.25 inches, and

where said air outlet has a length 3 to 5 times as large as said air outlet cross sectional dimension, and

where said air jet flow is no less than 18,000 linear feet per minute, and

where said air jet at said air outlet has a pressure force of about 25 inches of water pressure height at said outlet, and

where said air jet is heated, and is at a temperature of approximately 130 deg. F at 4 inches from said air outlet.

39. (Amended) An apparatus for drying hands, comprising:

a blower for generating an air jet,

where the blower is driven by an electric motor, and

a heater for increasing temperature of said air jet, and

an air outlet having a longitudinal axis, the air outlet outputting said air jet, and

where said air outlet is tubular with an open end for said air jet to exit along the longitudinal axis, and

where said air outlet has a cross sectional dimension between 0.5 inches to 1.25 inches, and

where said air outlet has a length 3 to 5 times as large as said air outlet cross sectional dimension, and

where said air jet flow is no less than 18,000 linear feet per minute, and

where said air jet at said air outlet has a pressure force of about 25 inches of water pressure height at said outlet, and

where said air jet is heated, and is at a temperature of approximately 130 deg. F at 4 inches from said air outlet, and

whereby said air jet blows off a portion of the water from said hands in less than 3 seconds, and

whereby said air jet breaks up a stagnation boundary layer on said hands and aids in evaporation of remaining water.

40. (Amended) An apparatus for drying hands, comprising:

a blower for generating an air jet,

where the blower is driven by an electric motor, and

where said motor is a brush type motor with a thermistor resistor in series with the brushes to limit the starting current in order to extend said brush life, and

a heater for increasing temperature of said air jet, and

an air outlet having a longitudinal axis, the air outlet outputting said air jet, and,

where said outlet is tubular with an open end for said air jet to exit along the longitudinal axis, and

where said air outlet has a cross sectional dimension between 0.5 inches to 1.25 inches, and

where said air outlet has a length 3 to 5 times as large as said air outlet cross sectional dimension, and

where said air jet flow is no less than 18,000 linear feet per minute, and

where said air jet at said air outlet has a pressure force of about 25 inches of water pressure height at said outlet, and

where said air jet is heated, and is at a temperature of approximately 130 deg. F at 4 inches from said air outlet, and

Board Decision

d1 Board Decision

whereby said air jet blows off a portion of the water from said hands in less than 3 seconds, and

whereby said air jet breaks up a stagnation boundary layer on said hands and aids in evaporation of remaining water.

41. (Amended) An apparatus for drying hands, comprising:

a blower for generating an air jet,

where the blower is driven by an electric motor, and

a heater for increasing temperature of said air jet, and

an air outlet having a longitudinal axis, the air outlet outputting said air jet, and,

where said outlet is tubular with an open end for said air jet to exit along the longitudinal axis, and

where said air outlet has a cross sectional dimension between 0.5 inches to 1.25 inches, and

where said air outlet has a length 3 to 5 times as large as said air outlet cross sectional dimension, and

where said air jet flow is no less than 18,000 linear feet per minute, and

where said air jet at said air outlet has a pressure force of about 25 inches of water pressure height at said outlet, and

where said air jet is heated, and is at a temperature of approximately 130 deg. F at 4 inches from said air outlet, and

a sound absorbing portion including an array of sound absorbing projections, said projections having a height of about 0.25 inches and spaced apart by 1/3 of the height, and

whereby said air jet blows off a portion of the water from said hands in less than 3 seconds, and

whereby said air jet breaks up a stagnation boundary layer on said hands and aids in evaporation of remaining water.

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42. (Amended) An apparatus for drying hands, comprising:

a blower for generating an air jet,

where the blower is driven by an electric motor, and

a heater for increasing temperature of said air jet, and

an air outlet having a longitudinal axis, the air outlet outputting said air jet, and,

where said outlet is tubular with an open end for said air jet to exit along the longitudinal axis, and

where said air outlet has a cross sectional dimension between 0.5 inches to 1.25 inches, and

where said air outlet has a length 3 to 5 times as large as said air outlet cross sectional dimension, and

where said air jet flow is no less than 18,000 linear feet per minute, and

where said air jet at said air outlet has a pressure force of about 25 inches of water pressure height at said outlet, and

where said air jet is heated, and is at a temperature of approximately 130 deg. F at 4 inches from said air outlet, and

where said dryer is mounted on the wall, and said air jet is angled towards the wall so that said water blown off is blown away from the user, and

whereby said air jet blows off a portion of the water from said hands in less than 3 seconds, and

whereby said air jet breaks up a stagnation boundary layer on said hands and aids in evaporation of remaining water.

43. (Amended) An apparatus for drying hands, comprising:

a blower for generating an air jet,

where the blower is driven by an electric motor, and

where said motor is a brush type motor with a thermistor resistor in series with the brushes to limit the starting current in order to extend said brush life, and

a heater for increasing temperature of said air jet, and

an air outlet having a longitudinal axis, the air outlet outputting said air jet, and,

where said outlet is tubular with an open end for said air jet to exit along the longitudinal axis, and

where said air outlet has a cross sectional dimension between 0.5 inches to 1.25 inches, and

where said air outlet has a length 3 to 5 times as large as said air outlet cross sectional dimension, and

where said air jet flow is no less than 18,000 linear feet per minute, and

where said air jet at said air outlet has a pressure force of about 25 inches of water pressure height at said outlet, and

where said air jet is heated, and is at a temperature of approximately 130 deg. F at 4 inches from said air outlet, and

where said dryer is mounted on the wall, and said air jet is angled towards the wall so that said water blown off is blown away from the user, and

a sound absorbing portion including an array of sound absorbing projections, said projections having a height of about 0.25 inches and spaced apart by 1/3 of the height,

whereby said air jet blows off a portion of the water from said hands in less than 3 seconds, and

whereby said air jet breaks up a stagnation boundary layer on said hands and aids in evaporation the remaining water.